Ascom i75 VoWiFi Handset

Features

- VoWiFi Handset with voice, personal alarm and messaging functions
- Robust
- Large, mechanically protected, and scratch-proof display
- Illuminated display
- Headset connector
- Push button alarm
- No-movement and man-down as option
- Time and date indication
- Vibrator alert
- Ring signal easily silenced
- Two different text sizes
- Identity and personal settings stored in hand-set
- Up to 10 modes with personalized settings
- 3 programmable soft keys for each mode
- 10 programmable hot keys
- Sending/receiving messages
- Voice mail indication[1]
- Manual or automatic keypad lock
- Field upgradable firmware
- Shared phone, supports virtual SIM
- Verified compliance with Cisco Systems, Inc. Cisco Compatible Extension, (CCX version 2)

Technical Specifications

Physical

Dimension (l × w × d):	134 × 60 × 27
Weight:	145 g (standard battery included)
Material:	Case: PC/ABS and TPE (free from silicone and latex) Keypad: PC/ABS, illuminated by white LEDs
Colour:	Dark grey and Dark steel blue (Protector) Light grey and Dark steel blue (Medic Protector)
Display (w × h):	128 × 64 pixel LCD, illuminated by white LEDs
Clip:	Hinge type (standard) or swivel type

Environmental

Operating temperature:	0°C – +40°C
Storage temperature:	-20°C – +70°C
Charging temperature:	≥ +5°C

Volume

Ring signal:	Adjustable in 5 steps + silent (approx. 100 dB @ 10 cm)
Earpiece:	Adjustable in 10 steps

1 System dependent (refers to the voice mail indication feature)

Battery

Type:	1000 mAh or 1800 mAh (Li-Ion)
Speech time[1]/ stand-by time:	Up to 10/40 h (1000 mAh) Up to 18/60 h (1800 mAh)
Charging time:	2 – 4 h (1000 mAh) 3 – 6 h (1800 mAh)

Connectors

Headset connector:	Contact dealer for information of headset
Battery connector:	For battery charging

Settings

Languages:	11 (Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Portuguese, Spanish, and Swedish)

Local Phonebook

Maximum name length:	22 characters
Maximum number length:	22 digits
Entries:	100

Telephony

Indication:	Display, Ring signal (5 different), flashing LED, and vibrator
Answer call:	Button press or automatically
Call list storage capacity:	20 received, dialled and missed calls with time stamp
Protocol:	H.323 with Supplementary Services H.450.1, H.450.2, H.450.3, H.450.4, H.450.6, H.450.7, H.450.8 and H.450.9 SIP supporting RFC1889, RFC2327, RFC2833, RFC3261, RFC3264, RFC3265, RFC3515 and RFC3842

Messaging

Message length:	System dependent
Storage capacity:	20 messages (maximum 20000 characters)

Alarm

Location types:	Associated WLAN access point as standard
Alarm types:	2 push button alarms No-movement and/or Man-down as option

WLAN

Number of subscriptions:	4 systems, manual selection
Quality of Service (QoS):	WMM, 802.11e
Supported networks:	802.11b/g

Security

	802.11i
Encryption methods:	64/128 bits WEP TKIP AES-CCMP

1 Dependent of Active mode, PS-Poll mode, U-APSD WLAN environment and configuration (refers to the speech time)

Authentication methods:	802.1X
	Original 802.11 open/shared key authentication
	WPA-PSK
	WPA2-PSK
	LEAP
	PEAP-MSCHAPv2
	EAP-MD5

Roaming enhancement

	Pre-authentication
	PMKSA cashing
	CCKM

Endurance

Enclosure protection:	IP40, EN 60529
Free fall test:	IEC 60068-2-32 Ed procedure 1, Dropped 12 times from 1.5 m

Compliance to European regulations and standards

EU directives:	73/23/EEC(LVD), 89/336/EEC(EMC) and 1999/5/EC (R&TTE)
Product marking:	CE
RF Spectrum:	EN 300 328
SAR (Specific Absorption Rate):	EN 50360, Normal operation 0.0196 W/kg (10 gram)
Safety:	EN 60950-1
EMC:	EN 301 489-17 and EN 301 489-1

Compliance to US regulations and standards

Product marking:	FCC ID: BXZKATY US: 9FVISNANKATY HAC
RF Spectrum:	FCC CFR 47 Part 15, paragraph 15.247
SAR (Specific Absorption Rate):	FCC/OET Bulletin 65 Supplement C (2001) and IEEE Std. 1528-2003, December 2003 / ANSI/IEEE Std. C95.1-1999 Normal operation 0.036 W/kg (1 gram) Body worn operation 0.117 W/kg (1 gram)
Safety:	IEC 60950-1, CB Bulletin No. 107A, May 2004
EMC:	FCC Part 15 Class B
Hearing aid:	47 CFR Part 68, Subpart D and TIA-968-A

Compliance to Canadian regulations and standards

Product marking:	IC:3724B-KATY
RF Spectrum:	RSS-210
SAR (Specific Absorption Rate):	IEEE Std C95.3-1999 Normal operation 0.036 W/kg (1 gram) Body worn operation 0.117 W/kg (1 gram)
Safety:	IEC 60950-1 CB Bulletin No. 107A, May 2004
Hearing aid:	CS-03

Functions	i75 Protector / Medic Protector
Vibrator	Yes
Microphone on/off during call	Yes
Loudspeaking	Yes
Headset connector	Yes
Messaging	Yes
Acknowledge	Yes
Interactive messaging	Yes*
Group messaging	Yes*
Voice mail	Yes*
Data send	Yes
Data with prefix	Yes
Personal alarm	Yes
Alarm with data	Yes
Automatic call after alarm	Yes
Acoustic location signal (ALS)	Yes
Push-button alarm	Yes
Location, access points	Yes
Man-down & No-movement alarm	Option
Availability information/Absence	Yes
Field upgradable software	Yes
** System dependent feature*	

Specifications are subject to change without notice.